



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DOCKET NO.: A0312.70517US00

Applicant: John A. Hayden  
Serial No: 10/786,356  
Confirmation. No.: 4549  
Filed: February 25, 2004  
For: DMA CONTROLLER UTILIZING FLEXIBLE DMA DESCRIPTORS  
Examiner: Not yet assigned  
Art Unit: 2182

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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to MAIL STOP Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 19th day of July, 2004.

Doris A. Champagne  
Doris A. Champagne

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**Mail Stop Missing Parts**  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith are the following documents:

- Part 2 - Notice to File Missing Parts
- Declaration (executed)
- Request for Approval & Entry of Formal Drawings
- Twelve Sheets of Formal Drawings (Figs. 1-11)
- Application Data Sheet
- Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 720-3500, Boston, Massachusetts.

A check in the amount of \$130.00 is enclosed to cover the late oath or declaration surcharge. If the fee is insufficient, the balance may be charged to Deposit Account 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,  
*John A. Hayden, Applicant*

By: William R. McClellan  
William R. McClellan, Reg. No.: 29,409  
Wolf, Greenfield & Sacks, P.C.  
600 Atlantic Avenue  
Boston, Massachusetts 02210-2211  
Telephone: (617)720-3500

Docket No. A0312.70517US00  
Date: July 19, 2004  
x07/18/04x (Sunday)



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Alexandria, VA 22313-1450

**REQUEST FOR APPROVAL AND ENTRY OF FORMAL DRAWINGS**

Sir:

Enclosed for filing are twelve (12) sheets of FORMAL DRAWINGS, Figures 1 through 11, for the above-referenced patent application.

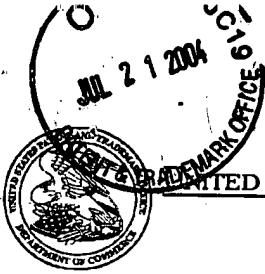
The Commissioner is hereby authorized to charge any fees which may be required to Deposit Account No. 23/2825.

Respectfully submitted,  
*John A. Hayden, Applicant*

William R. McClellan

William R. McClellan, Reg. No. 29,409  
Wolf, Greenfield & Sacks, P.C.  
600 Atlantic Avenue  
Boston, Massachusetts 02210  
Telephone: (617) 720-3500

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## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
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 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

JFW

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/786,356	02/25/2004	John Hayden	A0312.70517US00

23628  
 WOLF GREENFIELD & SACKS, PC  
 FEDERAL RESERVE PLAZA  
 600 ATLANTIC AVENUE  
 BOSTON, MA 02210-2211



**CONFIRMATION NO. 4549**  
**FORMALITIES LETTER**



\*OC000000012699728\*

Date Mailed: 05/18/2004

**NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**

07/21/2004 HDEMESS1 00000074 10786356

**FILED UNDER 37 CFR 1.53(b)**

01 FC:1051

130.00 DP

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
  - The drawings must be made on paper that has a white background (see 37 CFR 1.84 (e)). For example, drawings on graph paper, lined paper, or paper that has a non-white background are not acceptable. See Figure(s) 1-9.

**SUMMARY OF FEES DUE:**

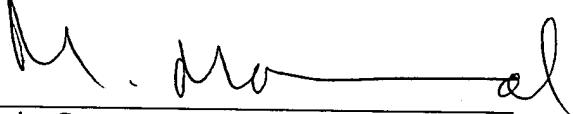
Total additional fee(s) required for this application is **\$130** for a Large Entity

- **\$130** Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

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*A copy of this notice **MUST** be returned with the reply.*

A handwritten signature in black ink, appearing to read "M. M. M. el".

Customer Service Center  
Initial Patent Examination Division (703) 308-1202  
PART 2 - COPY TO BE RETURNED WITH RESPONSE